

439174

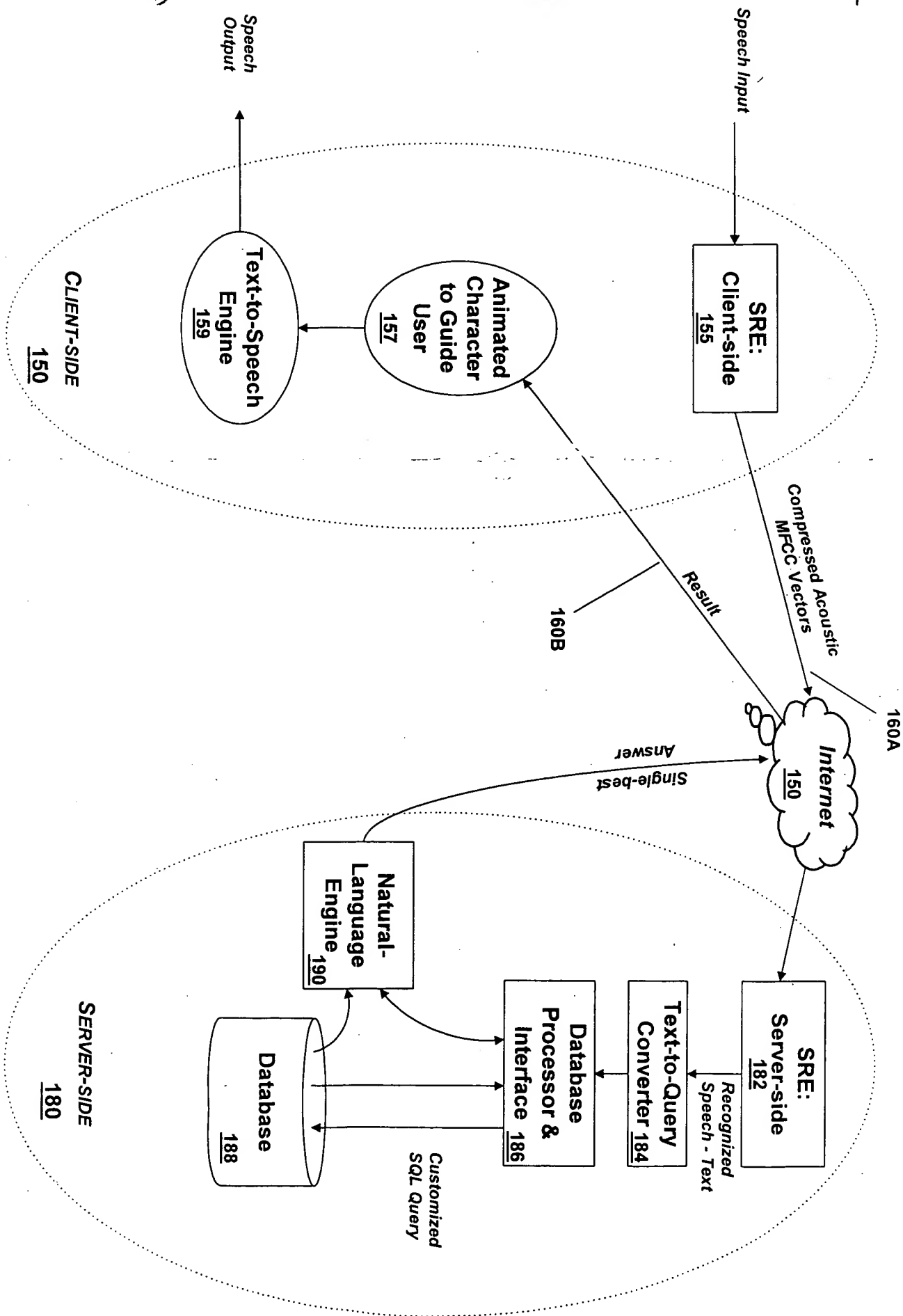


Fig. 1

Figure 2: CLIENT-SIDE SYSTEM LOGIC

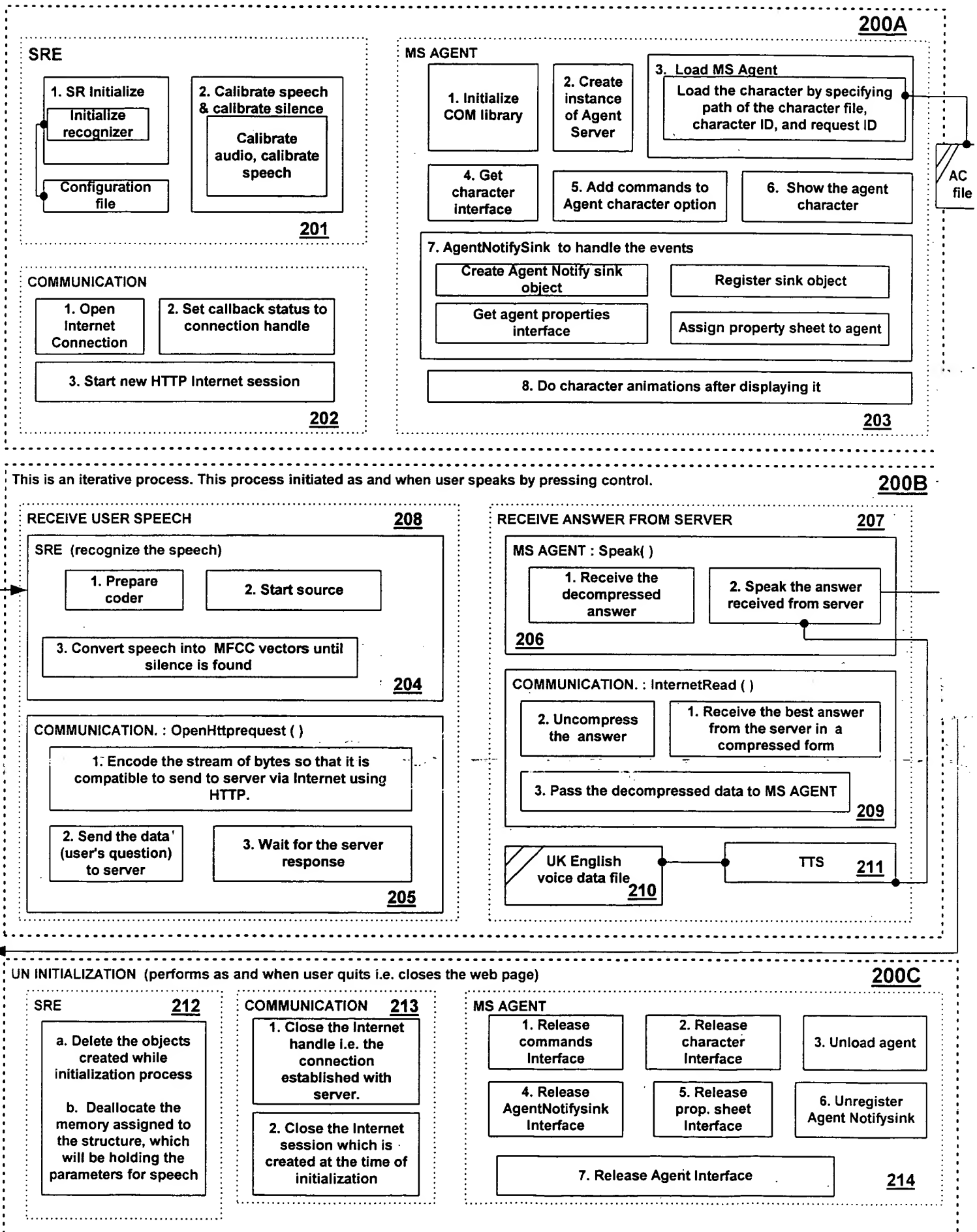


Fig. 2-2: Client-side Initialization

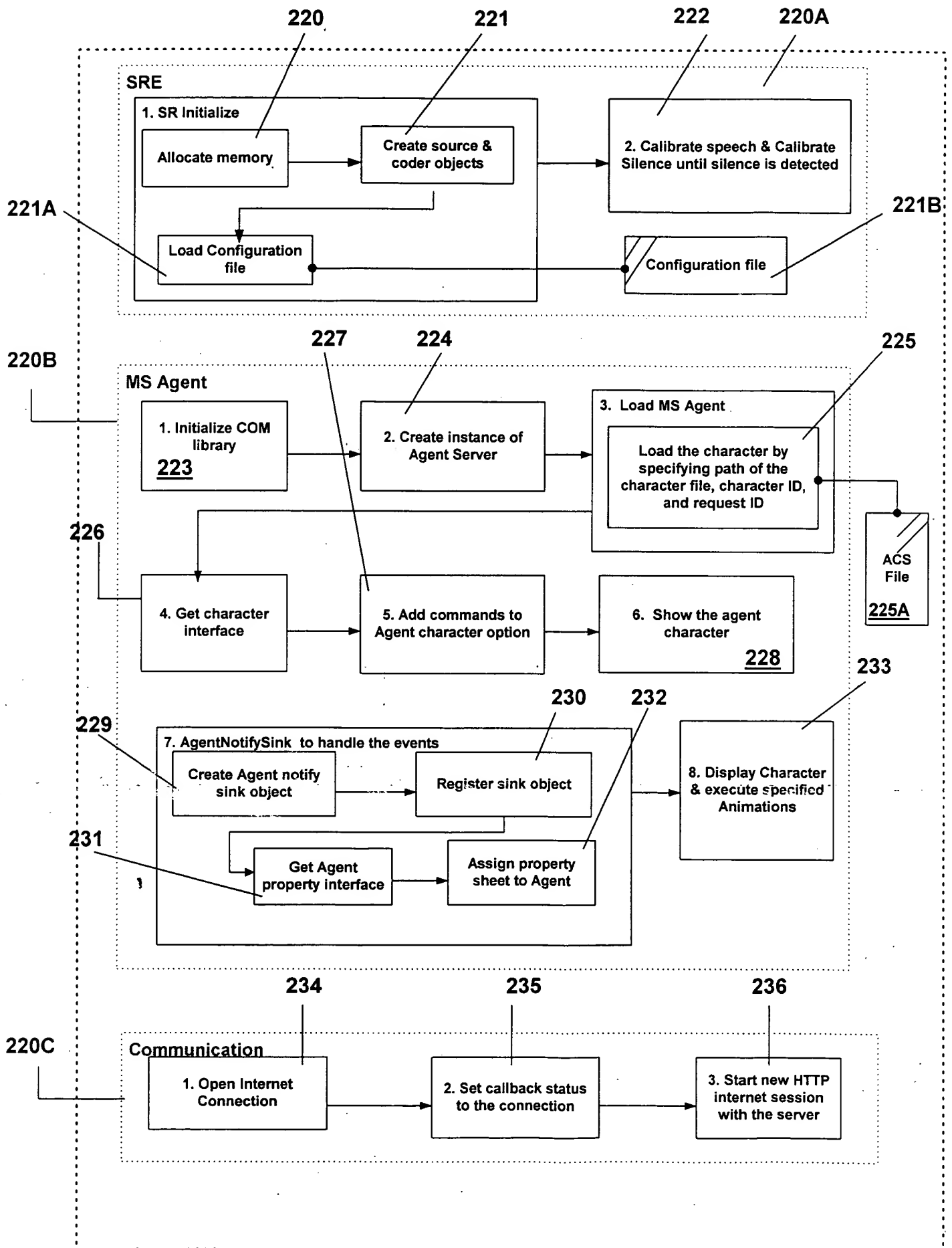


Fig. 3: Client-side Iterative Process

Revised: 9/13/99

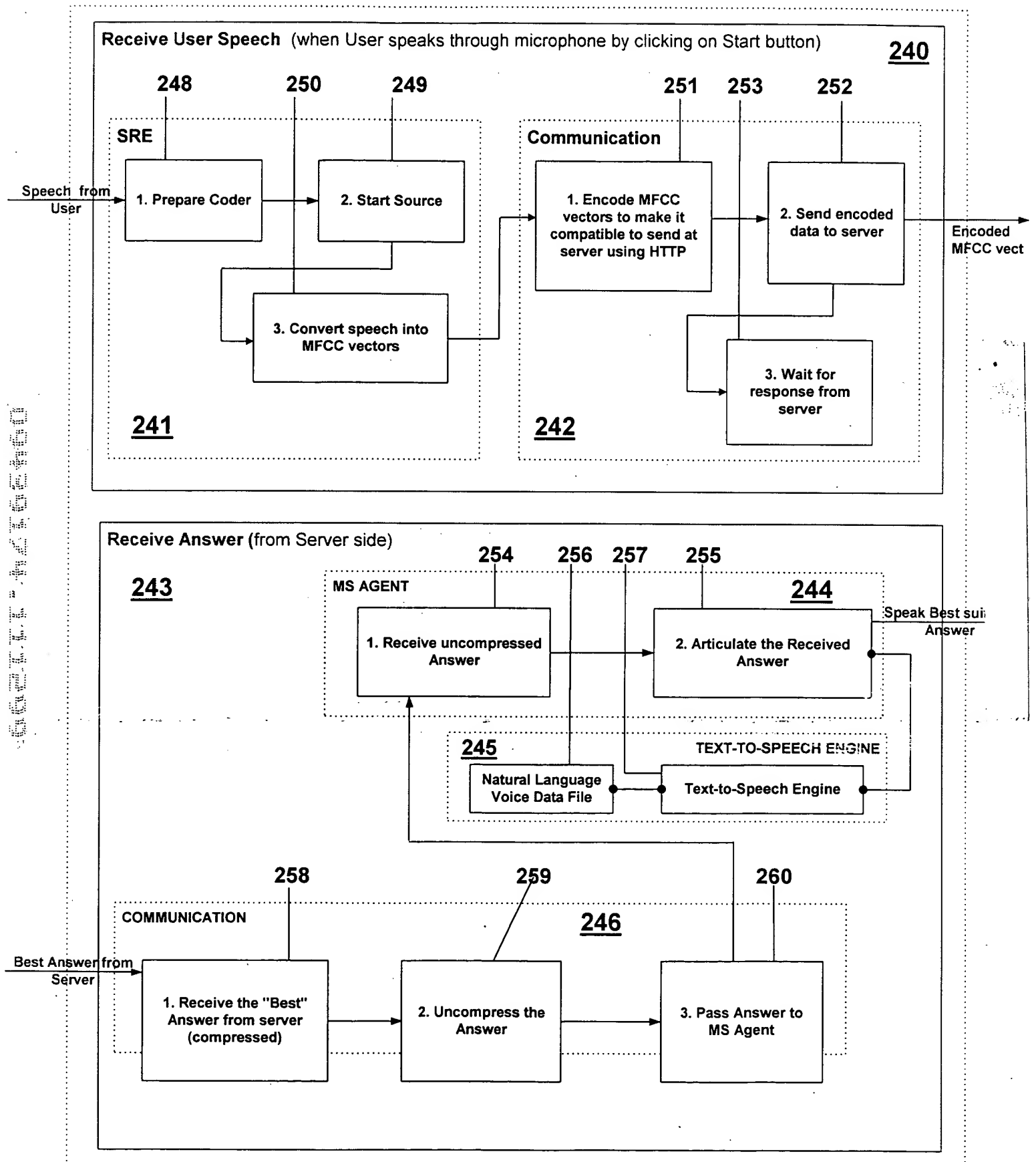
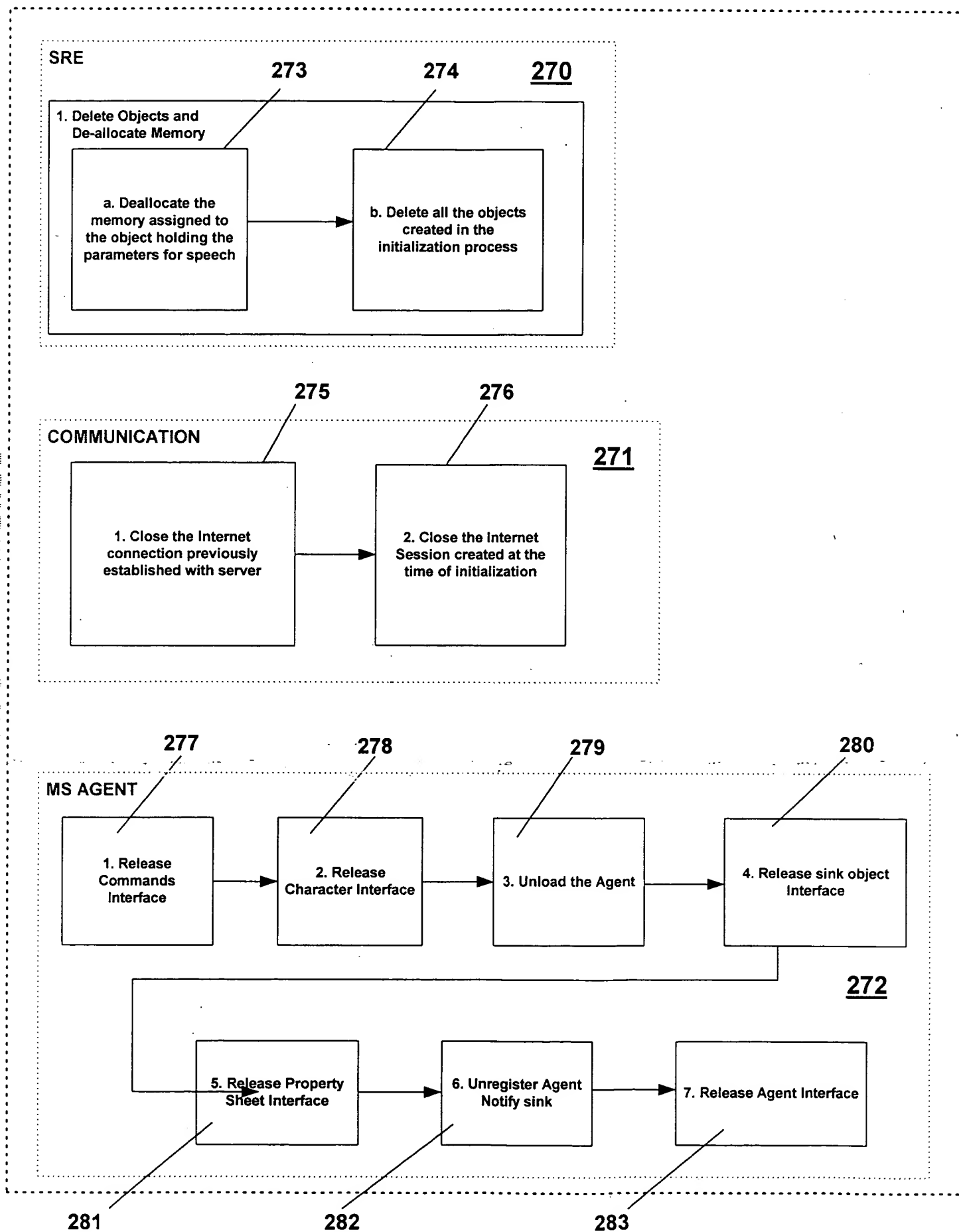


Fig. 4: Client-side Un-Initialization



**Fig. 4A: Distributed Component of SRE
at Server-Side**

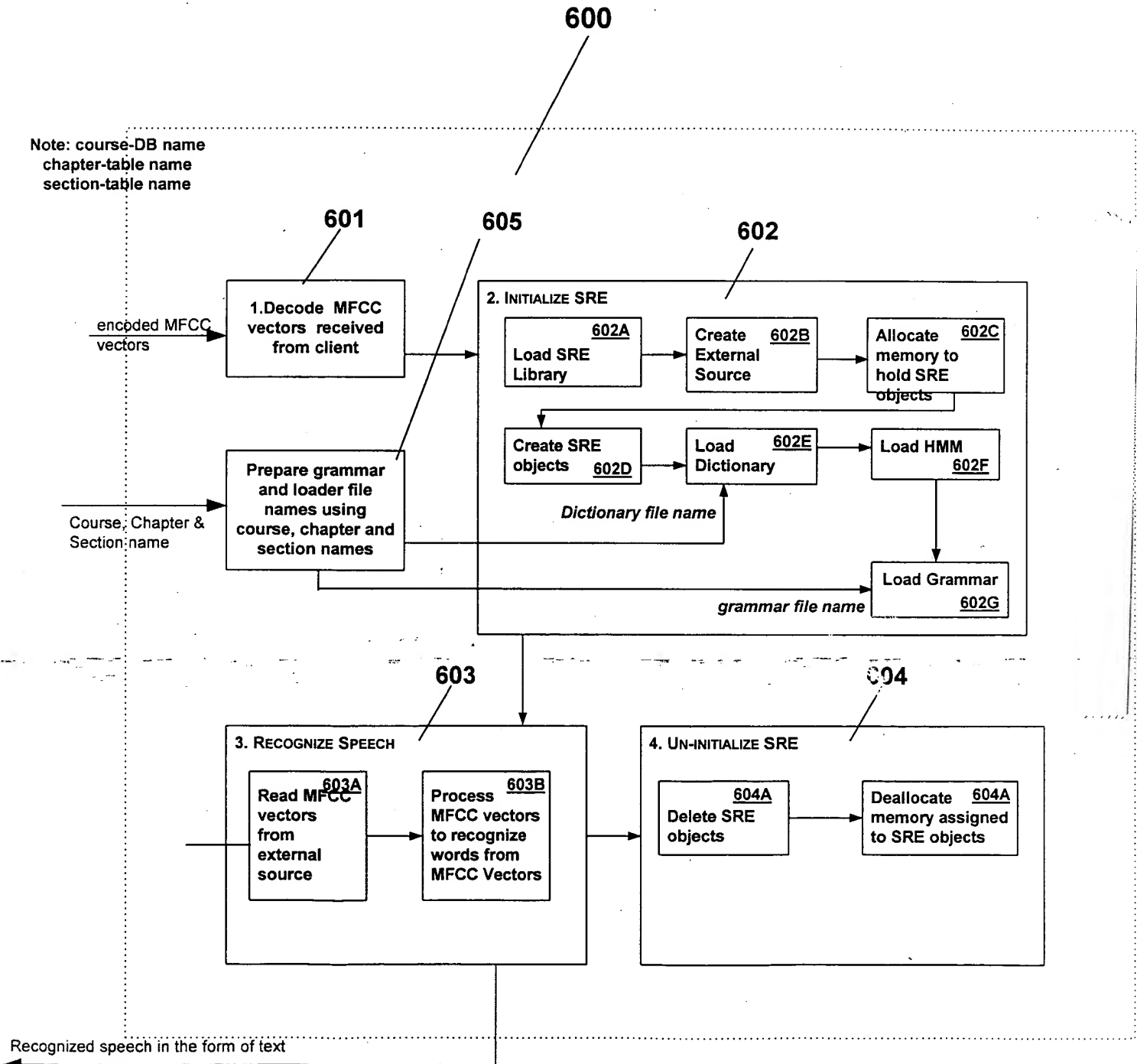
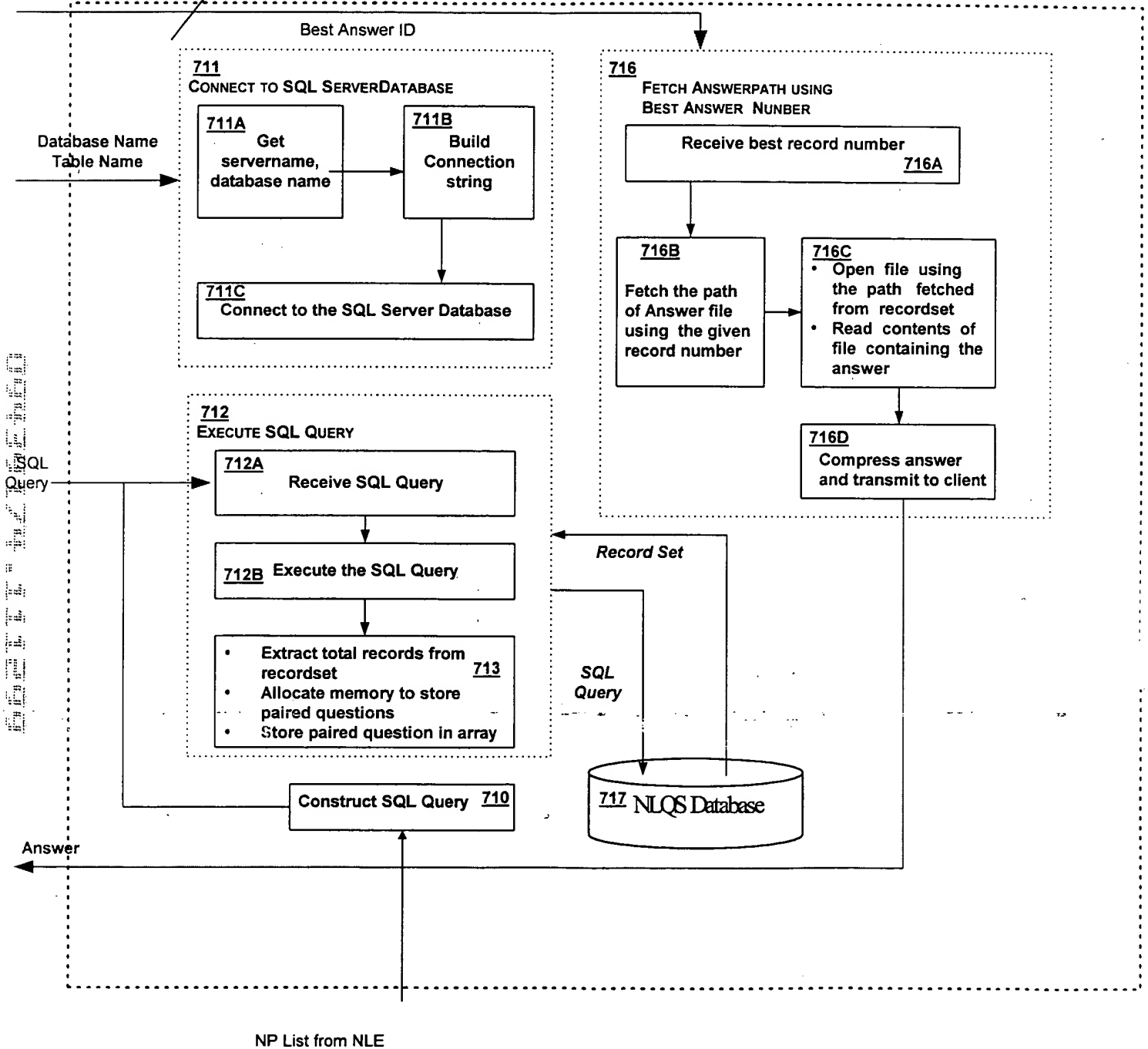


Fig. 4C: Server-side DBProcess DLL

700



**Fig. 4D: Interface Logic between
NLE and DBProcess.DLL**

Note: PQ - Paired Question
NP- Noun Phrase
Red Line - I / O

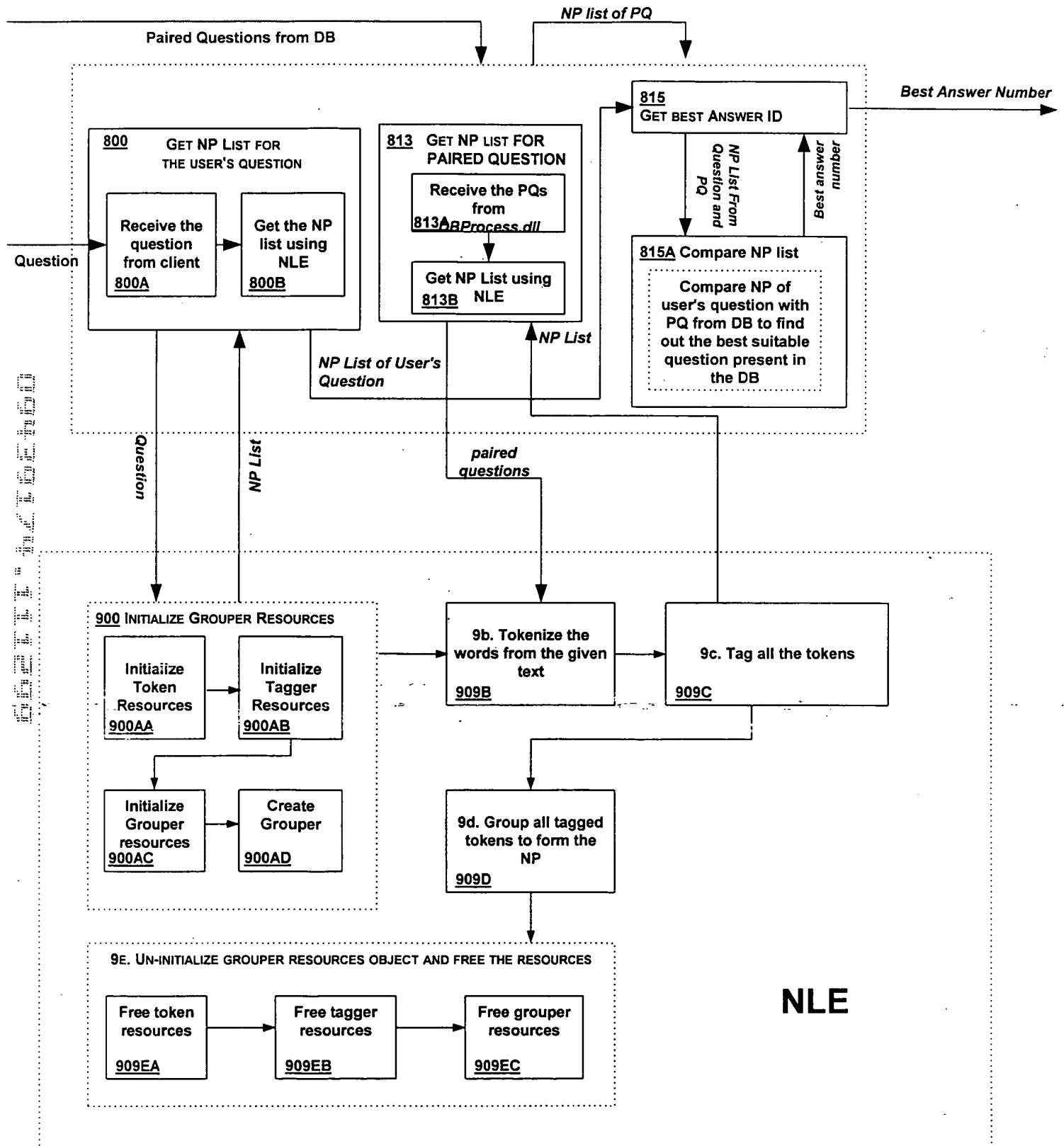
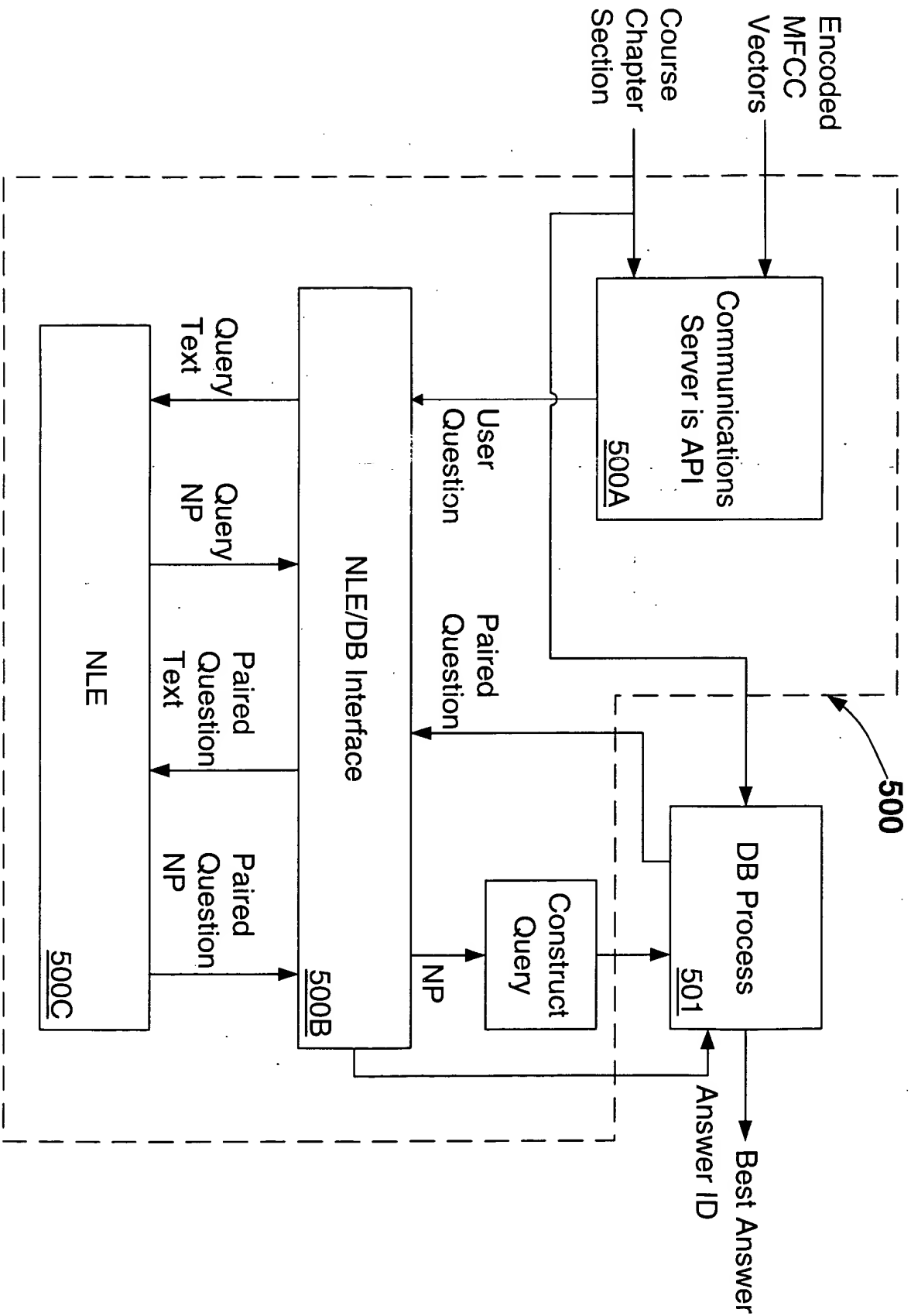


Fig. 5



00000000 11111111

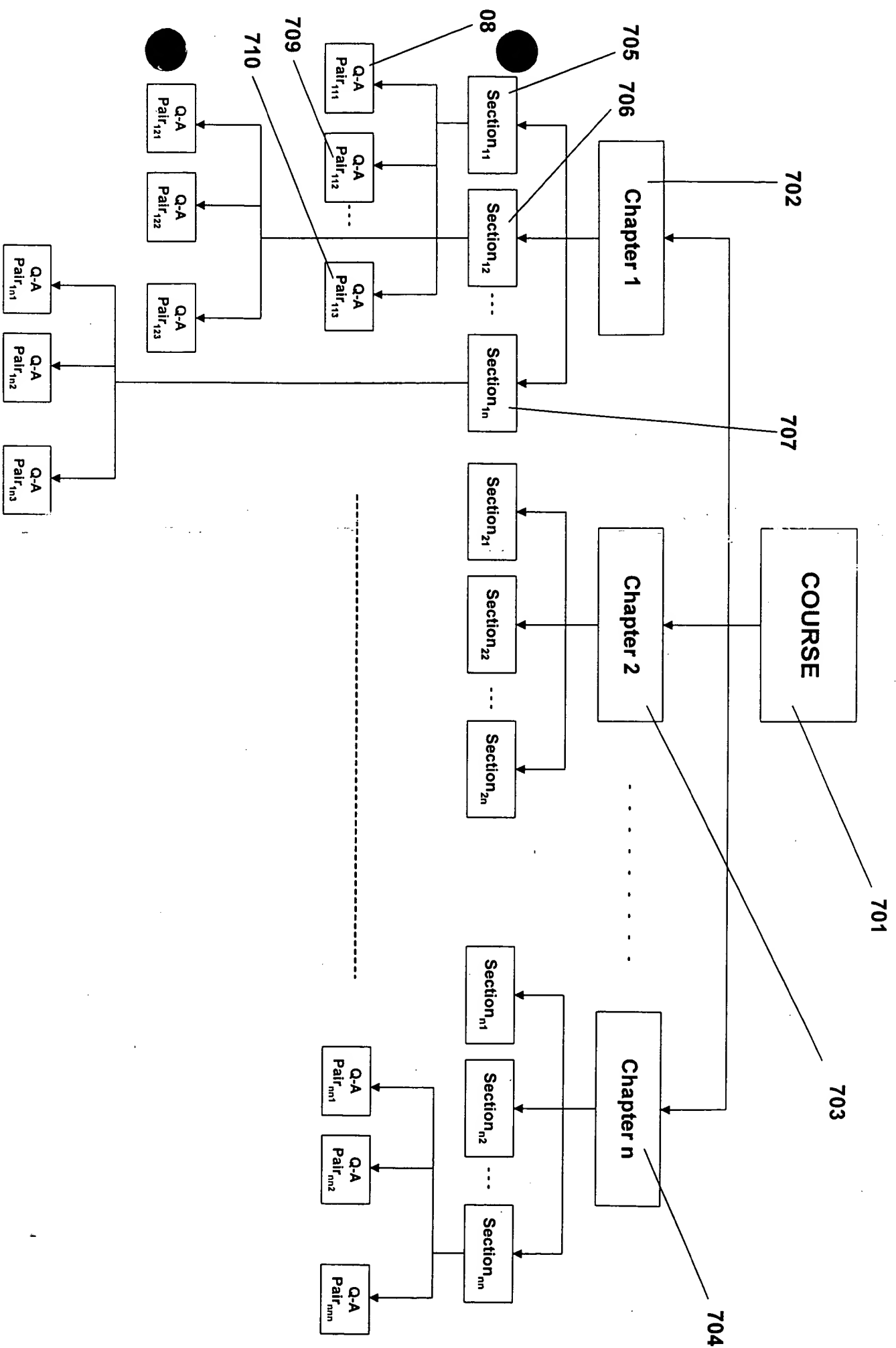


Figure 7

[illegible]

FIELD NAME	DATA TYPE	SIZE	NULL	PRIMARY KEY	INDEXED?
ChapterName	Varchar	255	No	No	Yes
SectionName	Varchar	255	No	No	Yes

701A

702A

703A

704A

705A

706A

707A

708A

Figure 7A

FIELD NAME	DATA TYPE	SIZE	NULL	PRIMARY KEY	INDEXED?
Chapter_ID	Integer		No	Yes	Yes
Answer_ID	Char	5	No	UNIQUE	Yes
Section_Name	Varchar	255	No	UNIQUE	Yes
Answer_Title	Varchar	255	Yes	No	Yes
PairedQuestion	Text	16	No	No	Yes (Full-Text)
AnswerPath	Varchar	255	No	No	Yes
Creator	Varchar	50	No	No	Yes
Date_of_Creation	Date	-	No	No	Yes
Date_of_Modification	Date	-	No	No	Yes

Figure 7B

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732	Field	Description
733	AnswerID	An integer - automatically incremented for user convenience
734	Section_Name	Name of section to which the particular record belongs. This field along with AnswerID has to be made primary key
735	Answer_Title	A short description of the answer
736	PairedQuestion	Contains one or more combinations of questions for the related answer whose path is stored in the next column AnswerPath
737	AnswerPath	Contains the path of text file, which contains the answer to the related questions stored in the previous column
738	Creator	Name of content creator
739	Date_of_Creation	Date on which content has been added
	Date_of_Modification	Date on which content has been changed or modified

Figure 7C

746	740	741	742	743	744	745
747	748	749	750	751	752	
748	749	750	751	752		
749	750	751	752			
750	751	752				
751	752					
752						

Figure 7D

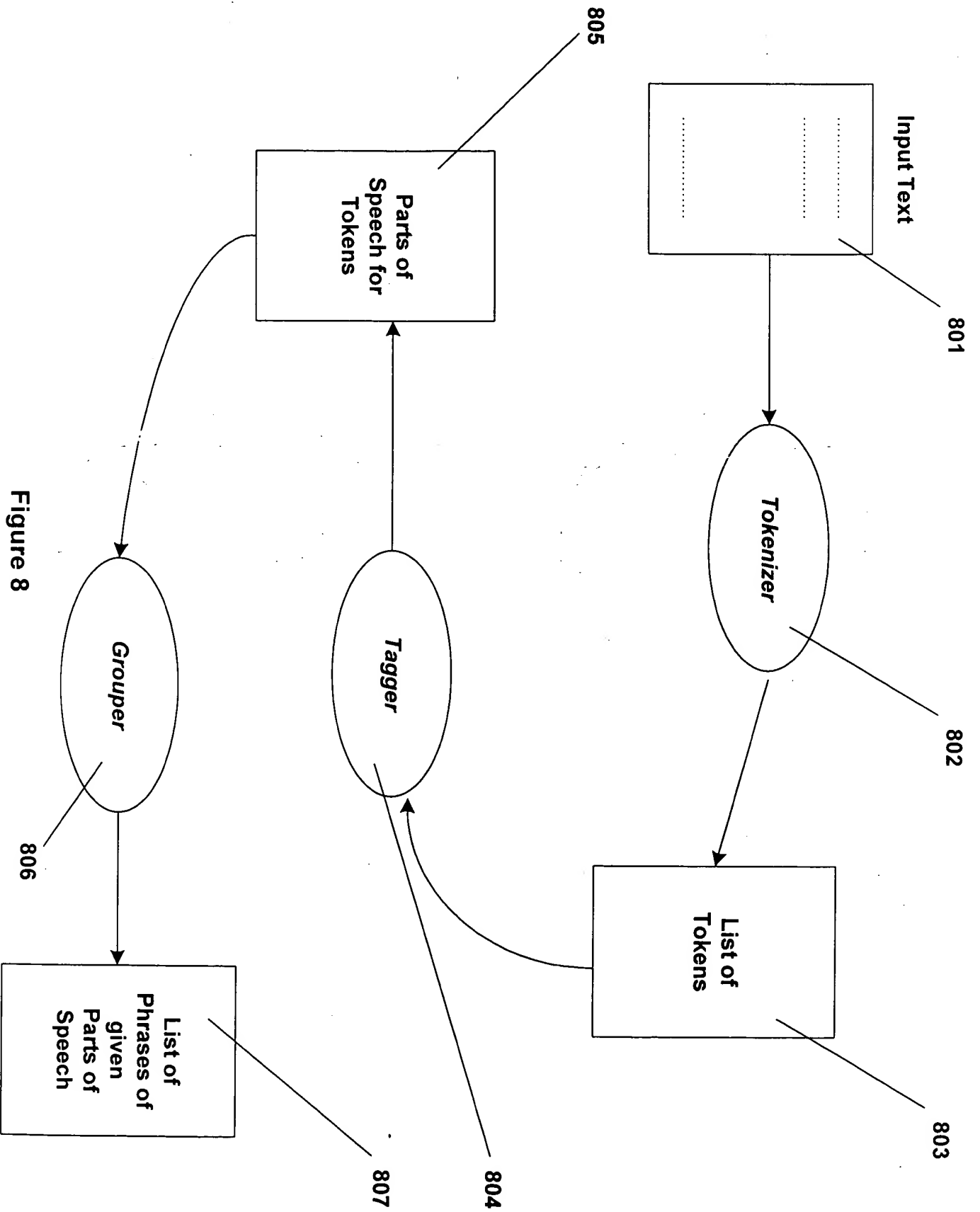


Figure 8

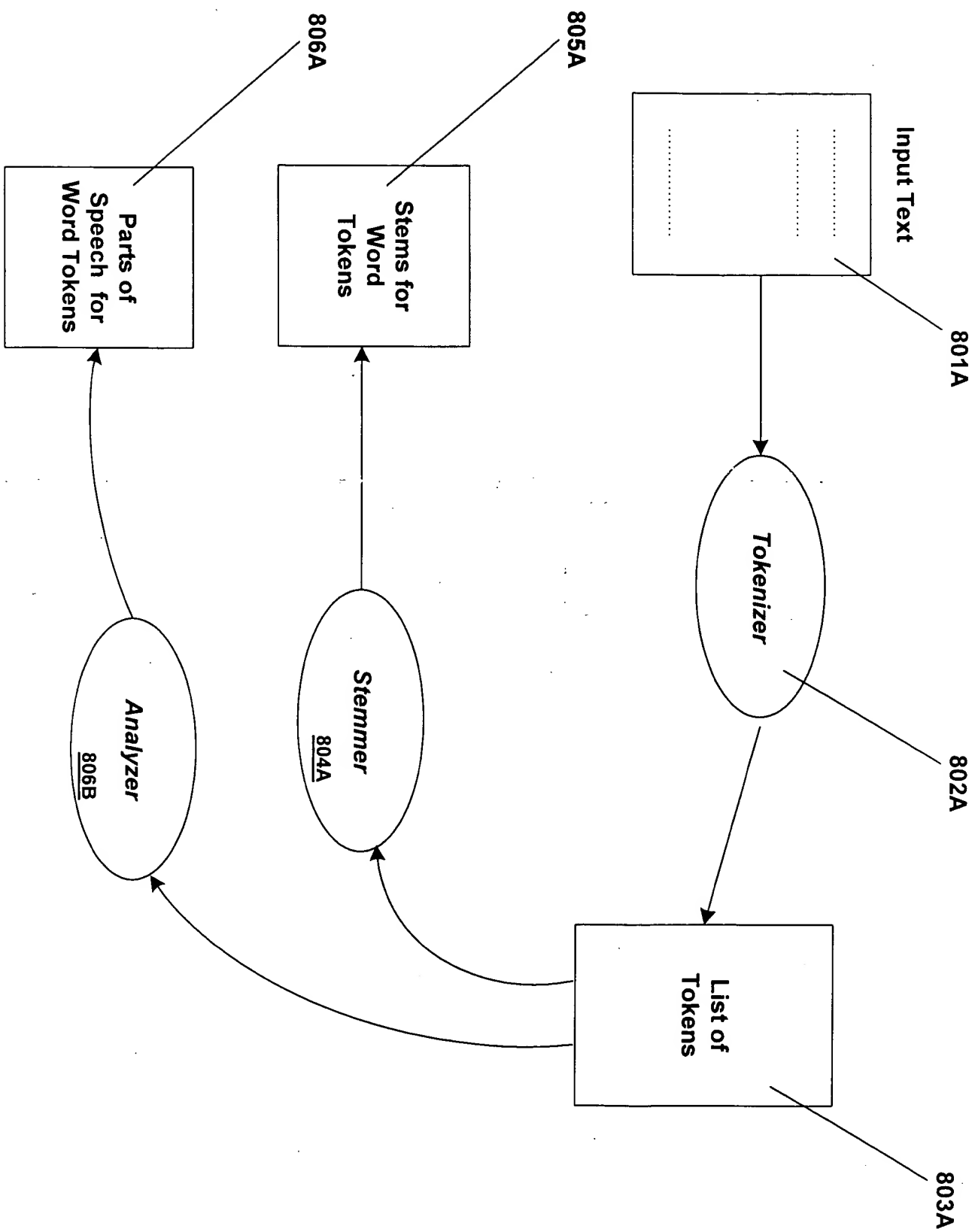


Figure 8A

[illegible]

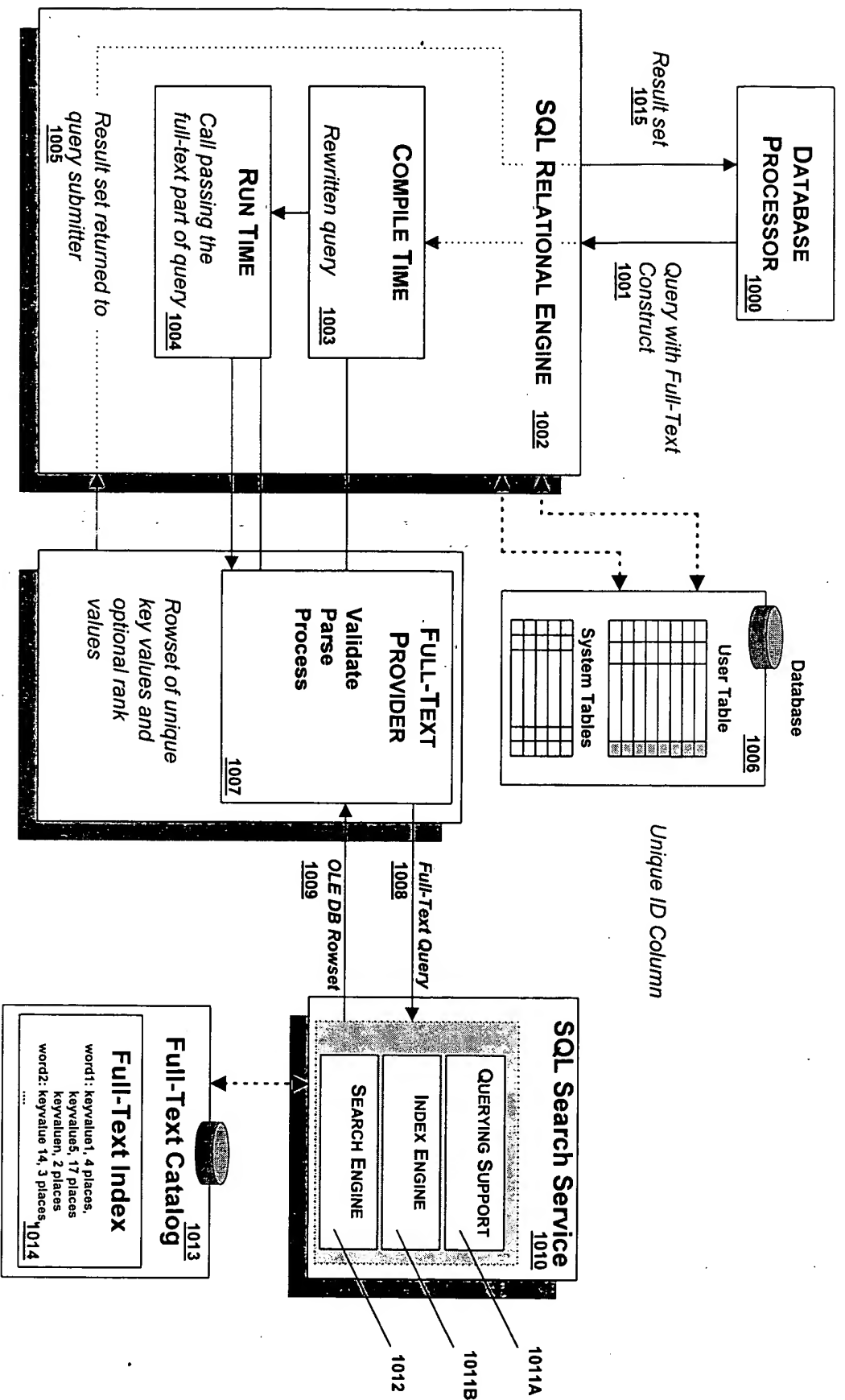


Fig. 10

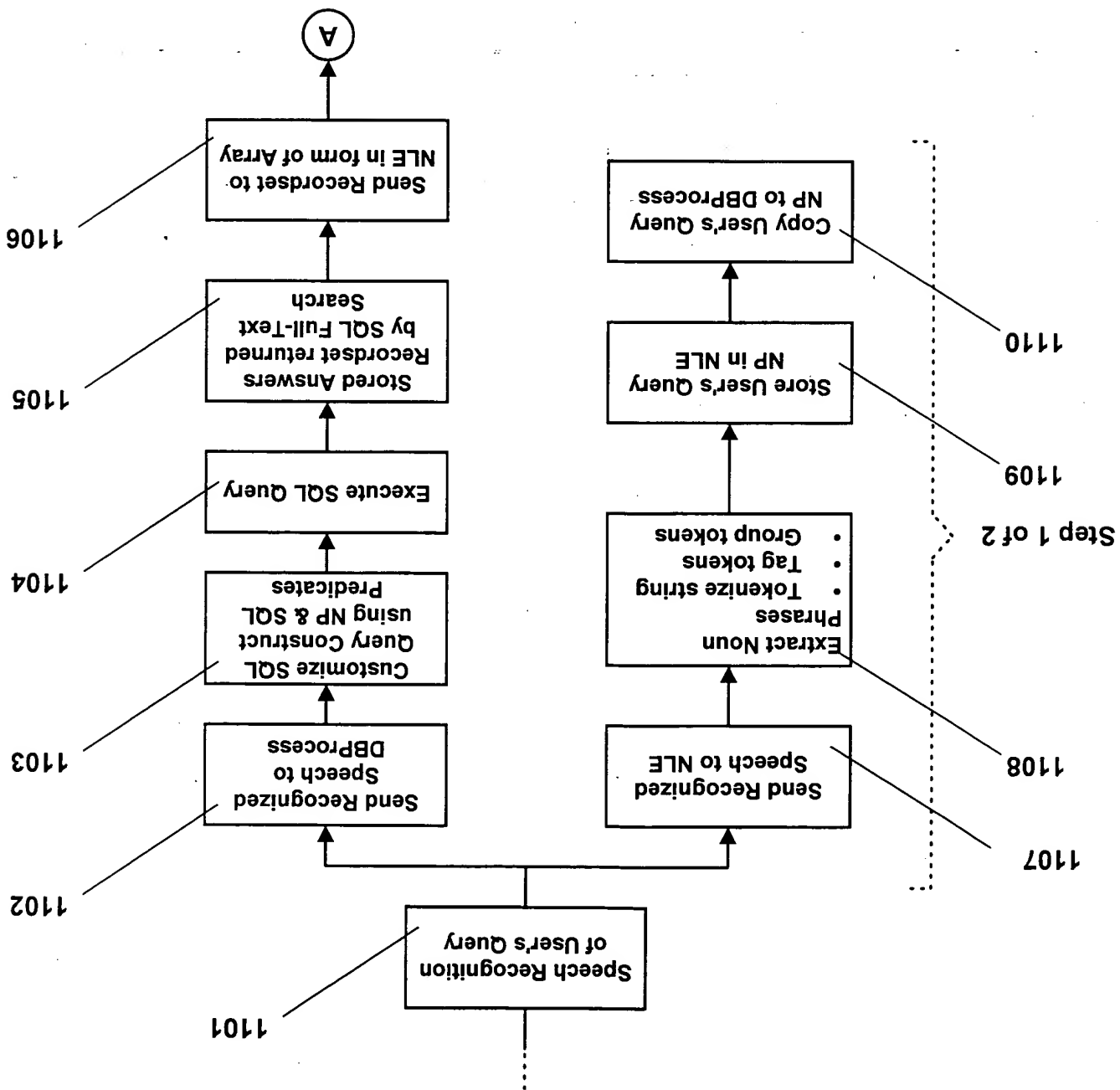
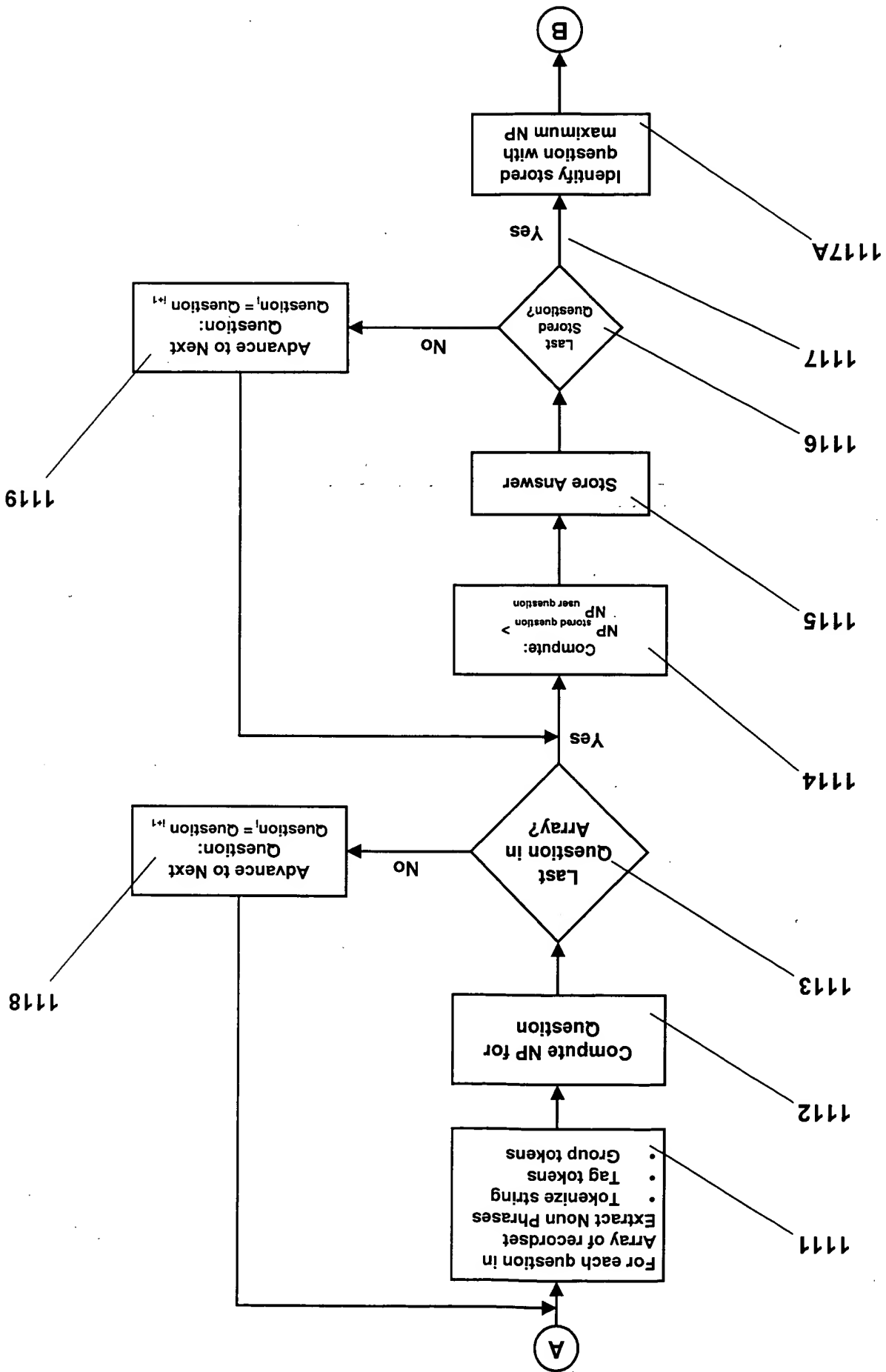
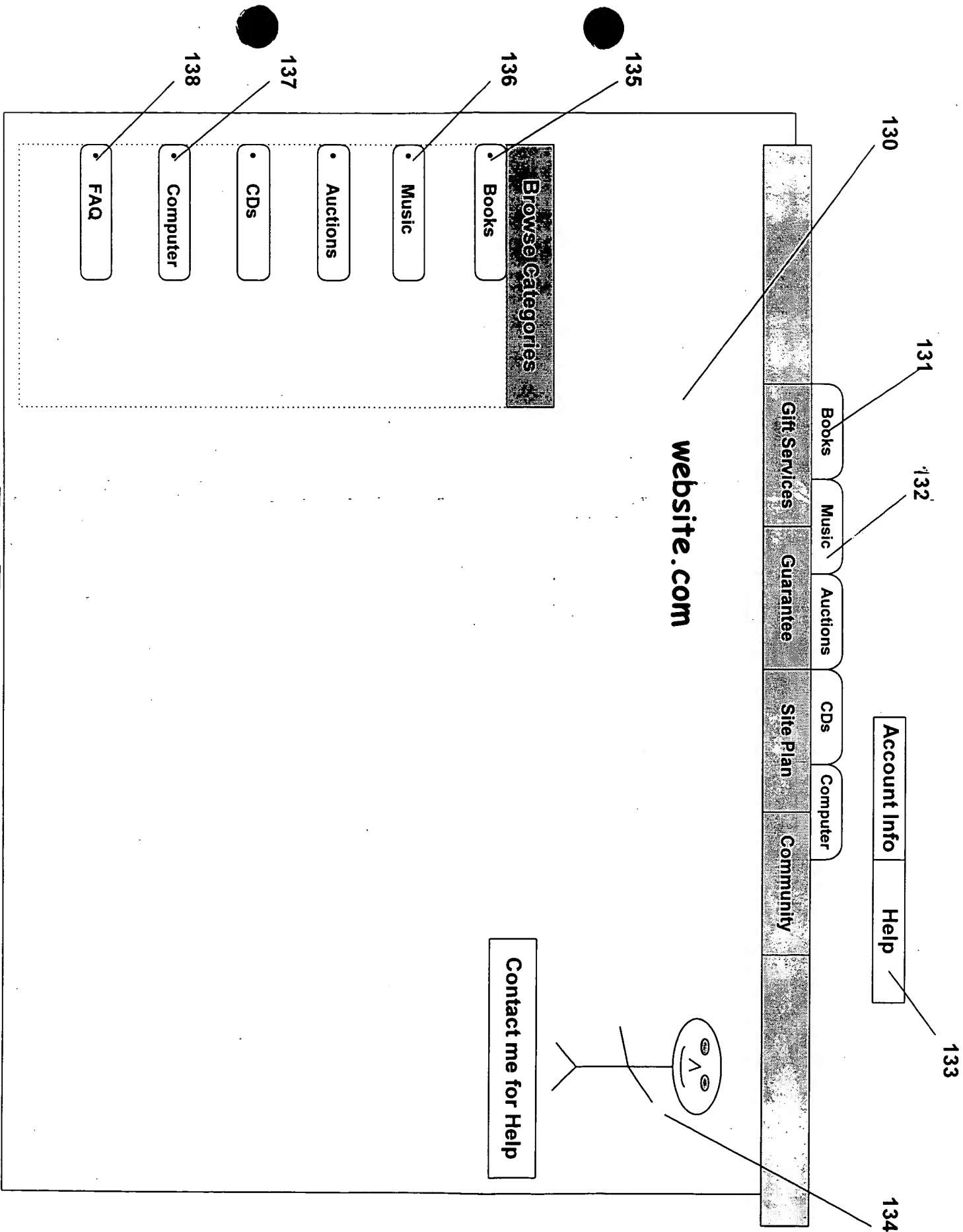
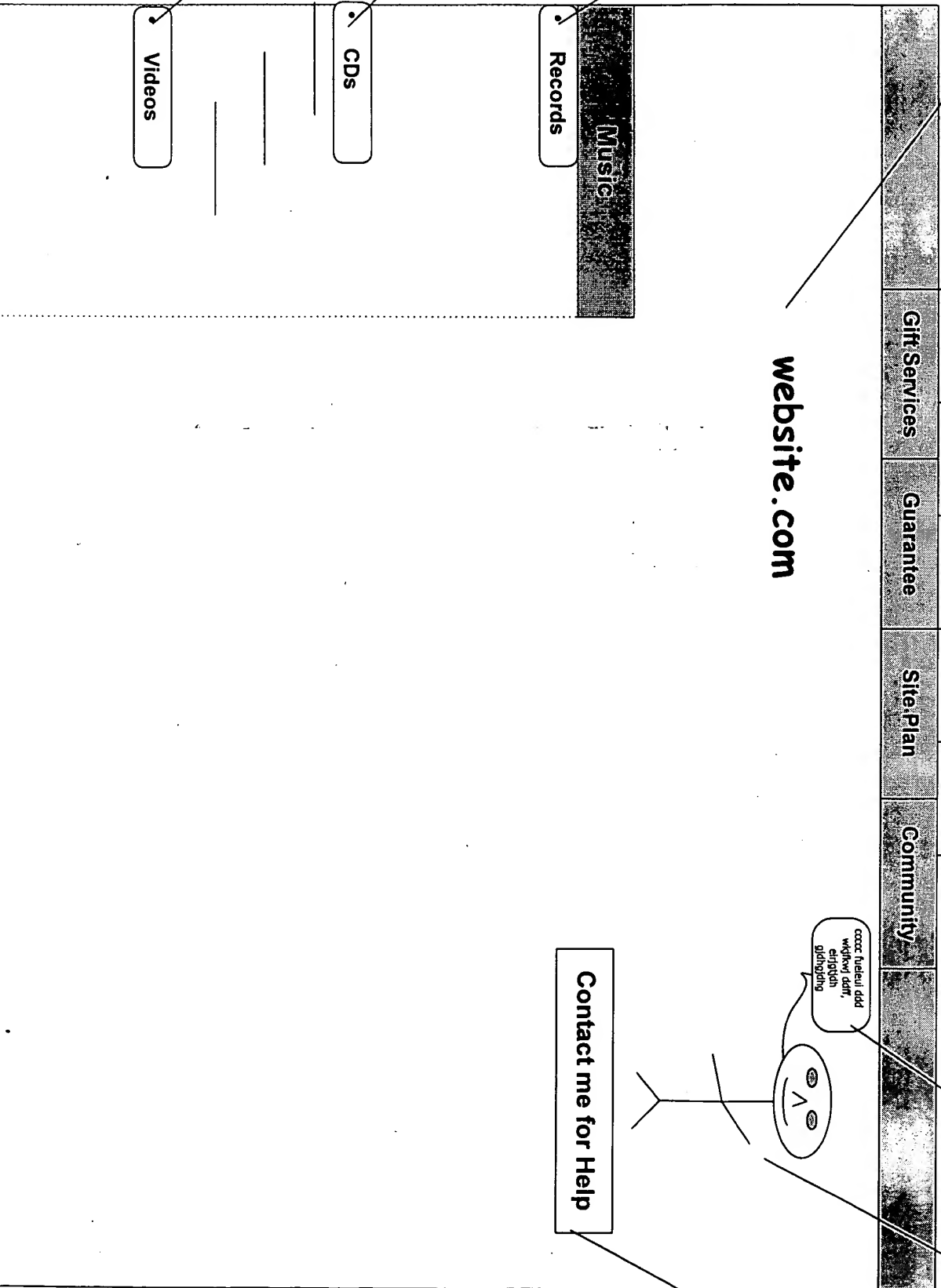


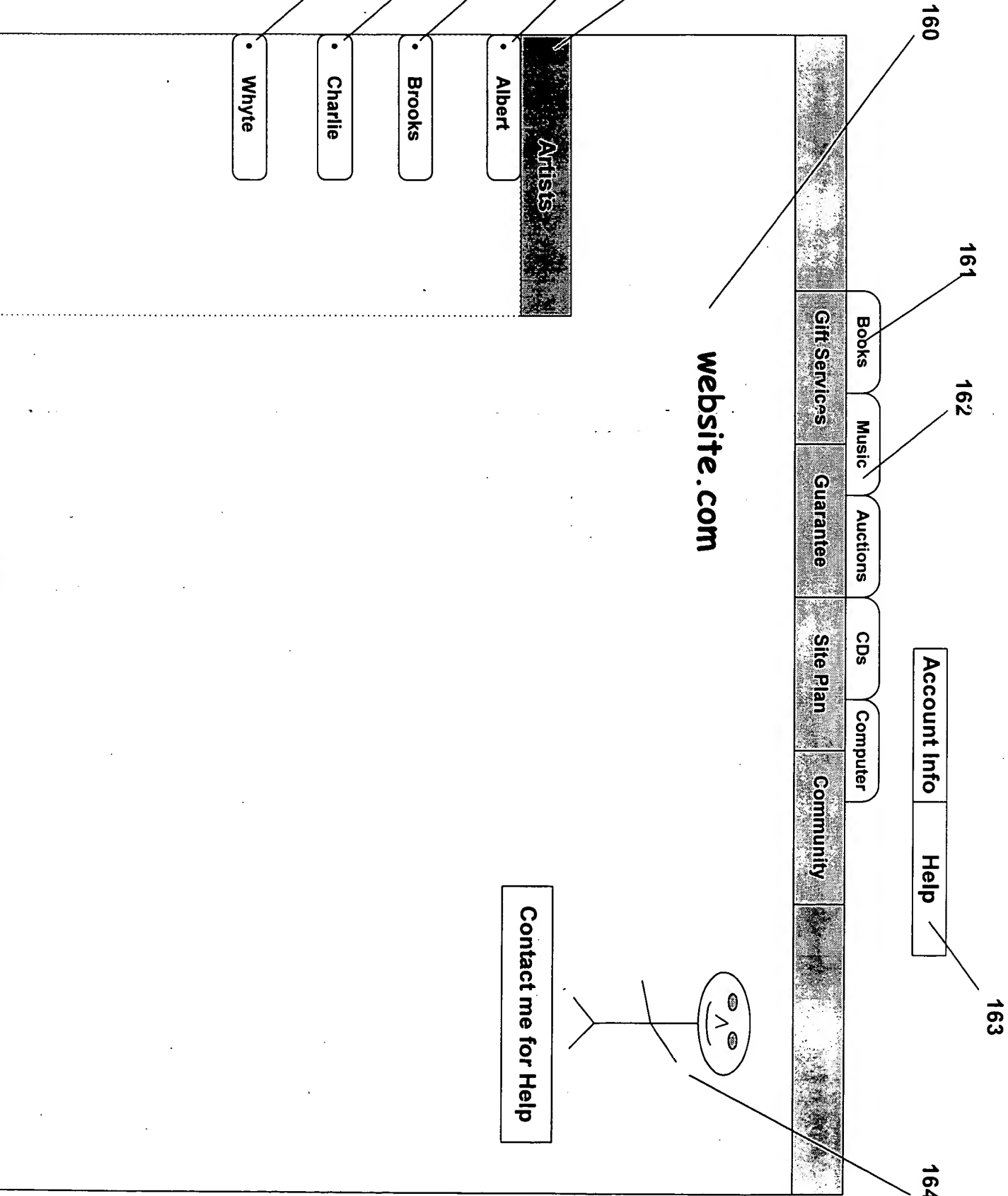
Fig. 11A

Fig. 11B

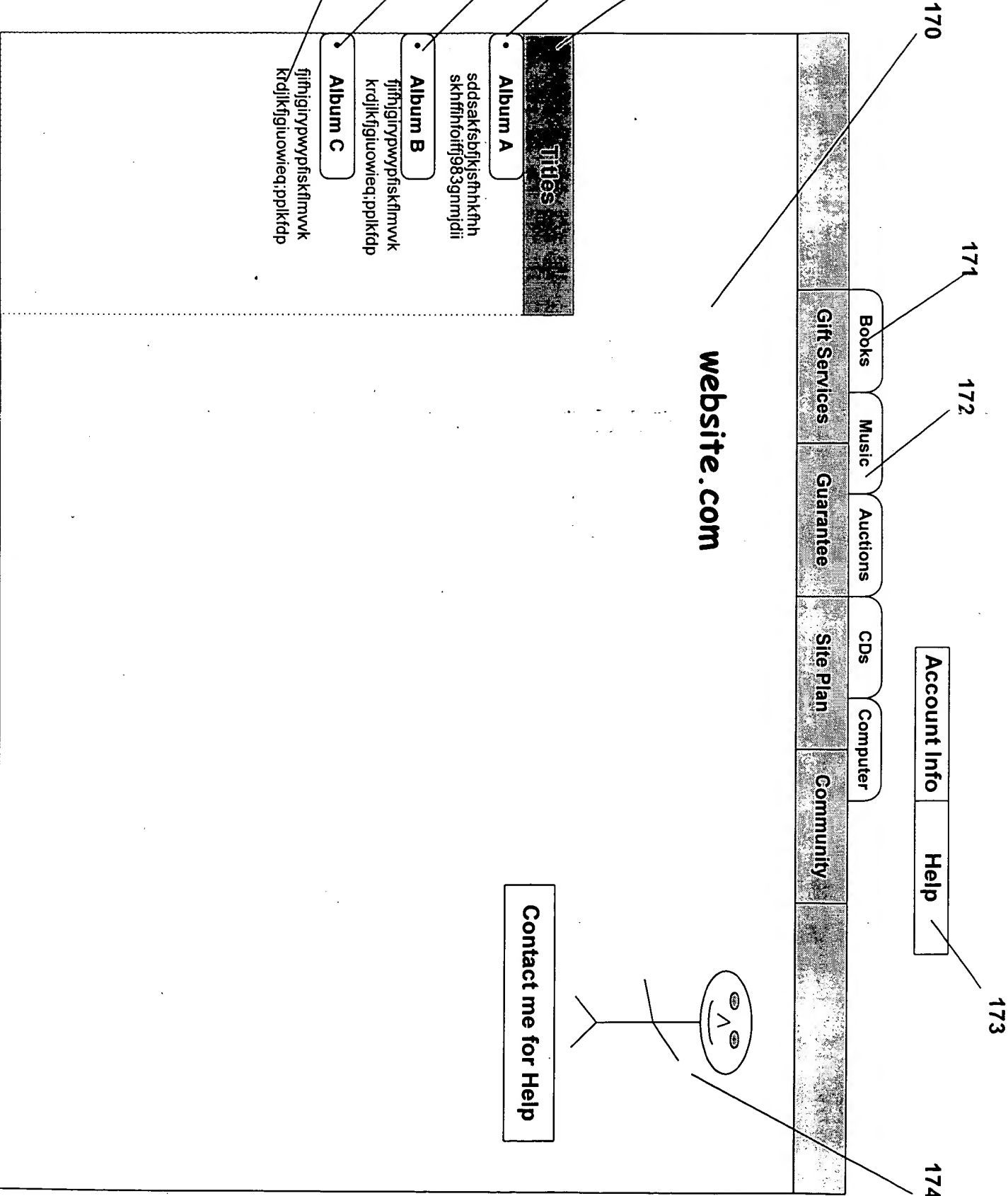








09440474 11000



0044794174 11111111

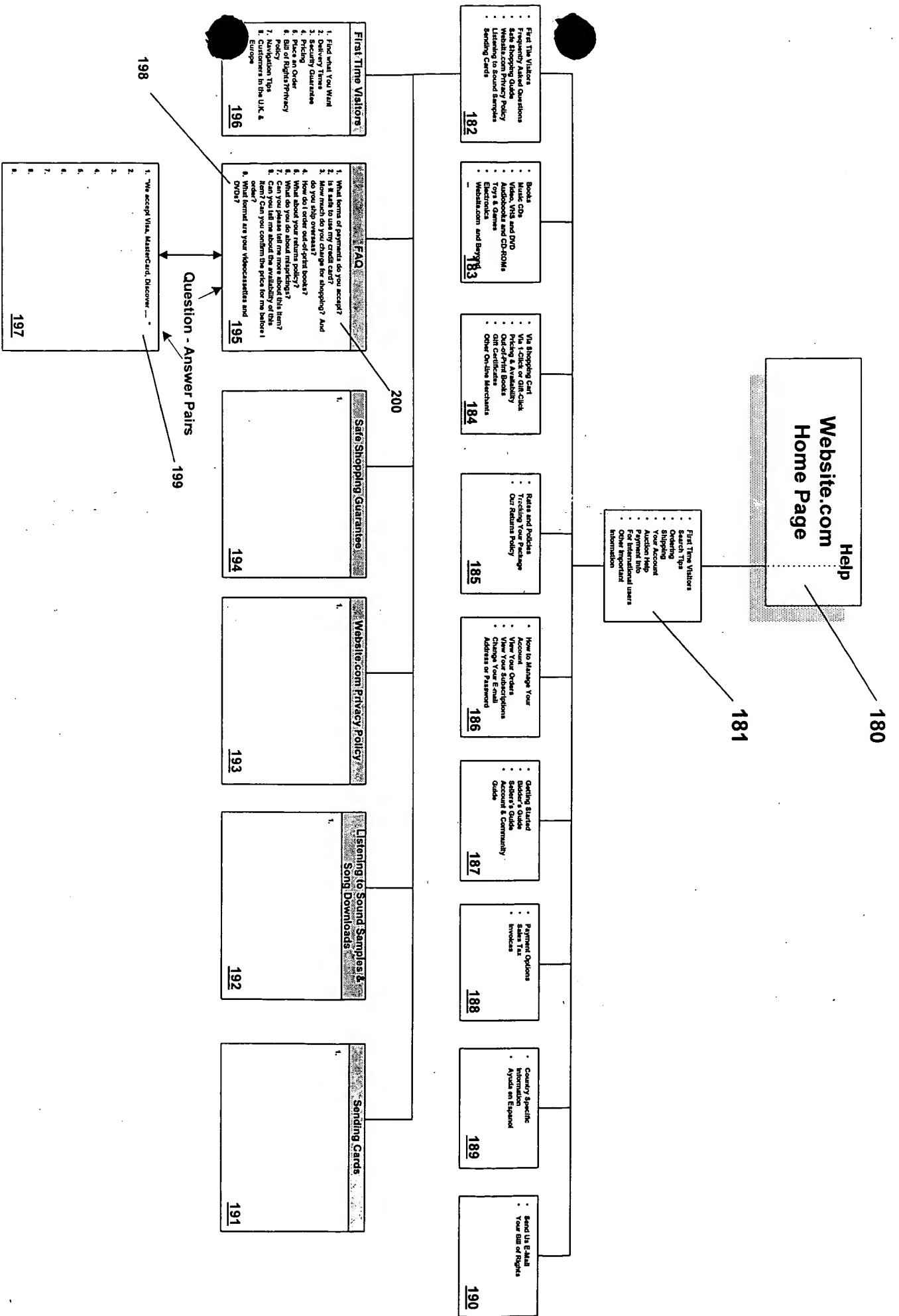


Fig. 18